

REC'D 21 DEC 2004

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/518,966
Source: PCT
Date Processed by STIC: F18-OS

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PATENT APPLICATION: US/10/518,966

DATE: 01/18/2005
TIME: 11:30:27

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Output Set: N:\CRF4\01182005\J518966.raw

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3 <110> APPLICANT: GUTKOWSKA, Jolanta
4      PAQUIN, Joanne
5      JANKOWSKI, Marek
6      DANALACHE, Bogdan A.
9 <120> TITLE OF INVENTION: OXYTOCIN AS CARDIOMYOGENESIS INDUCER AND USES THEREOF
11 <130> FILE REFERENCE: 29105/40749
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/518,966
C--> 13 <141> CURRENT FILING DATE: 2004-12-21
13 <150> PRIOR APPLICATION NUMBER: PCT/CA2003/000897
14 <151> PRIOR FILING DATE: 2003-06-13
16 <150> PRIOR APPLICATION NUMBER: CA 2,391,118
17 <151> PRIOR FILING DATE: 2002-06-21
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 75 1 5
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 78 Ala Cys Cys Leu Leu Gly Leu Ala Leu Thr Ser Ala Cys Tyr Ile
 79 10 15 20
 81 cag aac tgc ccc ctg gga ggc aag agg gcc gcg ccg gac ctc gac gtg 150
 82 Gln Asn Cys Pro Leu Gly Gly Lys Arg Ala Ala Pro Asp Leu Asp Val
 83 25 30 35
 85 cgc aag tgc ctc ccc tgc ggc ccc ggg ggc aaa ggc cgc tgc ttc ggg 198
 86 Arg Lys Cys Leu Pro Cys Gly Pro Gly Gly Lys Gly Arg Cys Phe Gly
 87 40 45 50
 89 ccc aat atc tgc tgc gcg gaa gag ctg ggc tgc ttc gtg ggc acc gcc 246
 90 Pro Asn Ile Cys Cys Ala Glu Glu Leu Gly Cys Phe Val Gly Thr Ala
 91 55 60 65 70
 93 gaa gcg ctg cgc tgc cag gag gag aac tac ctg ccg tcg ccc tgc cag 294
 94 Glu Ala Leu Arg Cys Gln Glu Glu Asn Tyr Leu Pro Ser Pro Cys Gln
 95 75 80 85
 97 tcc ggc cag aag gcg tgc ggg agc ggg ggc cgc tgc gcg gtc ttg ggc 342
 98 Ser Gly Gln Lys Ala Cys Gly Ser Gly Gly Arg Cys Ala Val Leu Gly
 99 90 95 100
 101 ctc tgc tgc agc ccg gac ggc tgc cac gcc gac cct gcc tgc gac gcg 390
 102 Leu Cys Cys Ser Pro Asp Gly Cys His Ala Asp Pro Ala Cys Asp Ala
 103 105 110 115
 105 gaa gcc acc ttc tcc cag cgc tga aacttgatgg ctccgaacac cctcgaagcg 444
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 132 35 40 45
 135 Lys Gly Arg Cys Phe Gly Pro Asn Ile Cys Cys Ala Glu Glu Leu Gly
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207	ggggctctgg gcttgtggcc ggttagaggat tcccgtcat ttgcagtggc tcagaggagg			480
209	gtggacccag cagatccgtc cgtggagct ccagggatgg agccccgggc gcccctacac			540
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218 Ala	Glu	Ala	Ala	Asn	Ala	Ser	Ala	Ala	Pro	Pro	Gly	Ala	Glu	Gly	Asn			
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222	Arg	Thr	Ala	Gly	Pro	Pro	Arg	Arg	Asn	Glu	Ala	Leu	Ala	Arg	Val	Glu		
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225	gtg	g	gtg	ctg	tgt	ctc	atc	ctg	ctc	ctg	g	ctg	agc	ggg	aac	g	795	
226	Val	Ala	Val	Leu	Cys	Leu	Ile	Leu	Leu	Leu	Ala	Leu	Ser	Gly	Asn	Ala		
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230	Cys	Val	Leu	Leu	Ala	Leu	Arg	Thr	Arg	Gln	Lys	His	Ser	Arg	Leu			
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233	tcc	tcc	tcc	atg	aag	cac	cta	agc	atc	gcc	gac	ctg	gtg	gtg	gca	gtg	891	
234	Phe	Phe	Phe	Met	Lys	His	Leu	Ser	Ile	Ala	Asp	Leu	Val	Val	Ala	Val		
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237	ttt	cag	gtg	ctg	ccg	cag	ttg	ctg	tgg	gac	atc	acc	ttc	cg	tc	tac	939	
238	Phe	Gln	Val	Leu	Pro	Gln	Leu	Leu	Trp	Asp	Ile	Thr	Phe	Arg	Phe	Tyr		
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242	Gly	Pro	Asp	Leu	Leu	Cys	Arg	Leu	Val	Lys	Tyr	Leu	Gln	Val	Val	Gly		
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267							205		210		215							
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271							220		225		230							
273	acc	gct	gca	g	cg	g	cg	g	cc	g	ag	gg	g	cg	g	cc	1371	
274	Thr	Ala	Ala	Ala	Ala	Ala	Glu	Ala	Pro	Glu	Gly	Ala	Ala	Gly				
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278	Asp	Gly	Gly	Arg	Val	Ala	Leu	Ala	Arg	Val	Ser	Ser	Val	Lys	Leu	Ile		
279							255		260		265							
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337	acacacgcac acagotatta gaactaataa gcaagttccg caaggttca agatacaaga			2581
339	tcaatataca aaaatgaatt gtatttctt atactagcaa caaacaatat gaaaacgaag			2641
341	ttaaataattt ccatttataa taccatcaga aagaataaaaa taggaatcaa ctttacaaaa			2701
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345	aaagacatcc tgtgttcatg gatcagactt agtattgtt agatggcaat actatcctaa			2821
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TIME: 15:46:20

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3 <110> APPLICANT: GUTKOWSKA, Jolanta
4      PAQUIN, Joanne
5      JANKOWSKI, Marek
6      DANALACHE, Bogdan A.
9 <120> TITLE OF INVENTION: OXYTOCIN AS CARDIOMYOGENESIS INDUCER AND USES THEREOF
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